

Claims

What is claimed is:

- [c1] A method of manufacturing a sheet piling, comprising:
 - pulling fibers through a bath of a base material;
 - weaving the fibers into a matrix;
 - forming the sheet piling comprising the matrix and base material;
 - placing a fabric layer on a side of the sheet piling;
 - curing the sheet piling; and
 - removing the fabric layer so that an abrasive surface is left on the side of the sheet piling.
- [c2] The method of claim 1, where the fabric layer is placed on both sides of the sheet piling.
- [c3] The method of claim 1, where the fabric layer is woven in a uniform pattern.
- [c4] The method of claim 1, where the fabric layer is woven in a random pattern.
- [c5] The method of claim 1, where the fabric layer comprises a plurality of strips of woven fabric.
- [c6] The method of claim 5, where the plurality of strips of woven fabric are arranged in a random pattern.
- [c7] The method of claim 1, where the fabric layer is made of polyester.
- [c8] The method of claim 1, where the fabric layer is made of nylon.
- [c9] The method of claim 1, where the fabric layer is made of kevlar.
- [c10] The method of claim 1, where the fabric layer has a thickness of 5 – 8 mils.

- [c11] The method of claim 1, where the fabric layer has a warp count of 57 – 160 ends per inch.
- [c12] The method of claim 1, where the fabric layer has a fill count of 35 – 103 picks per inch.
- [c13] The method of claim 1, where the sheet piling is flat.
- [c14] The method of claim 1, where the sheet piling is corrugated.
- [c15] The method of claim 1, where the sheet piling comprises a plurality of panels and each panel is joined to at least one other panel at an angle.
- [c16] A method of manufacturing a sheet piling, comprising:
weaving fibers into a matrix;
extruding a base material onto the matrix;
forming the sheet piling comprising the matrix and base material;
placing a fabric layer on a side of the sheet piling;
curing the sheet piling; and
removing the fabric layer so that an abrasive surface is left on the side of the sheet piling.
- [c17] A method of manufacturing a sheet piling, comprising:
step for forming the sheet piling with fibers and base material; and
step for placing a fabric layer on a side of the sheet piling;
step for curing the sheet piling; and
step for removing the fabric layer so that an abrasive surface is left on the side of the sheet piling.